DATA FORM FOR CALCULATING FLOW

Solving the equation: Flow = $\frac{A L C}{T}$

Where:

A = Average cross-sectional area of the stream. L = Length of the stream reach measured (usually 20 ft.).

C = A coefficient or correction factor (0.8 for rocky-botton seconds, for the float to travel the length of L.	Toticality of 0.5 for made	y-bollom streams). T = Time, in
A: Average Cross-Sectional Area		
Transect #1 (upstream)	Transect #2 (downstream)	
Interval width Depth (feet) (feet)	Interval width (feet)	Depth (feet)
A to B = (at B)	A to B =	(at B)
B to C = (at C)	B to C =	(at C)
C to D = $(at D)$	C to D =	(at D)
D to E = (shoreline)	D to E =	(shoreline)
Totals ÷ 4	Totals	÷ 4
= Avg. depth ft		= Avg. depth ft
Cross-sectional area of Transect #1	Cross-section	nal area of Transect #2
= Total width (ft) X Avg. depth (ft)	= Total width (ft) X Avg. depth (ft)	
$X = ft^2$		$X = ft^2$
x	= ft²	
L: Length of Stream Reach	T: Travel Time	Travel Time of Float (sec.)
ft		or Float (Sec.)
	Trial #1	
	Trial #2	
C: Coefficient	Trial #3	
	Total	÷ 3
		= Avg. time sec.
		7.1.g
Flow = ALC T	=	ft³/sec.